259

PAPERS,

PRESENTED TO THE HOUSE OF COMMONS,

RELATING TO

DUNDRUM PIER.

Ordered, by The House of Commons, *to be printed,*
22*d March* 1809.

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RETURNS to the Order of The Honourable Houſe of Commons, on 17th February 1809:—Viz.

1.—Account of Expenditure in erecting a Pier in DUNDRUM BAY, in the county of Down - - - - - - - - - - - p. 3.

2.—Copy of the Contract for building the ſaid Pier - - - pp. 4 & 5.

3.—Letter from Thomas Rogers, Engineer, Contractor for Dundrum Pier; to the Earl of Annefley, explanatory of the DRAWING accompanying it p. 6.

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— 1. —

ACCOUNT of Expenditure in erecting a Pier in DUNDRUM Bay, in the County of Down.

DUNDRUM PIER, - - - - - to Thomas Rogers - - - - Dr.

	£.	s.	d.
To Cash paid fundry Workmen, from the 7th September 1807 to the 28th November 1807, per Account Book, N° 1 -	192	9	2
To D° per Account Book, N° 1, 2, & 3, continued - -	1,276	19	9½
To Cash paid Sundries, per Account Book, N° 4 - - -	709	19	11½
To Cash paid for Sundries furnished by Mr. Rogers - -	735	9	4½
To Nevin, Sayers & Co. per Bill - - - £. 39 3 5½			
To Outstanding Debts (suppose) - - - 100 — —			
	139	3	5½
To Thomas Rogers, Contractor, his Expences to the end of the year 1808, including fundry Surveys, and the Drawings, Estimates, &c. &c. - - - - - - - - -	300	—	—
To Thomas M°Mahon, Foreman, his Time from the 1st September 1807 to the 1st March 1809, being 78 Weeks, at 40s. per - - - - - - - - -	156	—	—
£.	3,510	1	9

VALUATION of SUNDRIES, for Account of Dundrum Pier, by Thomas M°Mahon, on Hands, 22d February 1809:

2 Floats for the Work - - - - -	£. 300	—	—	
Tools and Materials - - - - - -	400	—	—	
House and fundry Buildings - - - -	350	—	—	
Road and levelling the Yard - - -	20	—	—	
Road for Runway up the Hill - - -	30	—	—	
Timber on Hands - - - - -	40	—	—	
Sundry Stones on the Road for the Work, Carriage only - - - - - - - -	30	—	—	
Metal Road Bill - - - £. 155 4 10½				
Deduct - - - 25 — —				
	130	4	10½	
				1,300 4 10½
£.				2,209 16 10½

Dublin, the 28th Feb. 1809.

Thomas Rogers, Engineer
and Contractor for the Pier.

Thomas Rogers.

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—2.—

Copy of CONTRACT for building a Pier in Dundrum Bay, in the County of Down; dated the 31ſt day of Auguſt 1807.

ARTICLES of Agreement made concluded and agreed upon this thirty-firſt day of Auguſt in the year of our Lord one thouſand eight hundred and ſeven, BETWEEN The Right Honourable Richard Earl of Anneſley of that part of the United Kingdom of Great Britain and Ireland called Ireland, of the one part; And His Grace William Henry Cavendiſh Duke of Portland, The Right Honourable John Foſter Chancellor of His Majeſty's Exchequer in Ireland, The Right Honourable Laurence Earl of Roſs, Sir Arthur Welleſley baronet, Sir George Fitzgerald Hill baronet, John Barry eſquire, The Honourable Thomas Henry Foſter, and Charles Vereker eſquires, Lords Commiſſioners of the Treaſury in Ireland, on behalf of His Majeſty King George the Third, His Heirs and Succeſſors, of the other part; in manner and form following; that is to ſay: WHEREAS it hath been found neceſſary and expedient to erect a Pier in Dundrum Bay on the coaſt of the county of Down in Ireland, and a ſum of ſeven thouſand ſeven hundred and ſeventy-one pounds ſixteen ſhillings having been granted in the laſt Seſſion of Parliament for the Erection and Completion of the ſame, ſaid ſum to be iſſued and paid with the approbation of the Lord Lieutenant to ſuch perſon or perſons as he ſhall appoint, to be by him or them expended according to the directions of the ſaid Lord Lieutenant; THEREFORE the ſaid Richard Earl of Anneſley for himſelf, his Executors and Adminiſtrators, doth hereby covenant promiſe grant and agree to and with the ſaid Lords Commiſſioners of the Treaſury in Ireland, and their Succeſſors Lords Commiſſioners of the Treaſury, on behalf of His Majeſty, His Heirs and Succeſſors, in manner and form following, that is to ſay, That he the ſaid Richard Earl of Anneſley, his Executors or Adminiſtrators, ſhall and will forthwith build and erect or cauſe to be built and erected a good ſufficient and permanent Pier at and upon the place before-mentioned in Dundrum Bay on the Coaſt of the County of Down aforeſaid, and more particularly marked out and delineated in a Plan or Drawing containing a view of Dundrum Bay and adjacent country, ſhewing the ſituation of the propoſed Pier hereunto annexed; of the length, breadth, height and dimenſions, and according to the manner and form made and ſet out in and by the Plan and Eſtimate thereof hereunto annexed, and ſeverally ſigned by the ſaid Richard Earl of Anneſley, and all of the beſt and moſt durable materials; and ſhall and will complete and finiſh the ſame on or before the twenty-fifth day of March one thouſand eight hundred and ten; and the ſaid Richard Earl of Anneſley for himſelf, his Heirs, Executors and Adminiſtrators, doth hereby covenant, promiſe and agree to and with the ſaid Lords Commiſſioners of the Treaſury in Ireland, and their ſucceſſors Lords Commiſſioners of the Treaſury, on behalf of His Majeſty, His Heirs and Succeſſors, well and truly to build and erect the ſaid Pier in manner aforeſaid, and purſuant to the ſaid annexed Plan and Eſtimate, and to complete and finiſh the ſame in a maſterly and workmanlike manner, on or before the ſaid twenty-fifth day of March one thouſand eight hundred and ten, unavoidable caſualties or accidents excepted, under the penalty of twelve thouſand ſeven hundred and ſeventy-one pounds ſixteen ſhillings, to be had and recovered of the goods and chattels of him the ſaid Richard Earl of Anneſley, his Executors, Adminiſtrators or Aſſigns; IN WITNESS whereof the parties aforeſaid have hereunto ſet their hands and affixed their ſeals the day and year firſt before written.

ANNESLEY.

Signed ſealed and delivered in the preſence of us,

James Croſton,
John Edwards.

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ESTIMATE of a Pier for Dundrum Bay, Coaſt of the County of Down;
By *Thomas Rogers*.

THE Pier to extend ſeven hundred feet from the Shore, four hundred of which to be in the Sea at low water; the depth for ſome diſtance within the Pier Head, will be from ten to eight feet at low water on a clay bottom; there are no rocks or ſands to impede the paſſage; Veſſels drawing more than ten feet water may run aground within the Pier and be in ſafety.

	£.	s.	d.
289 Tons of ſquare Timber for Piles, four hundred feet in the Sea from low water, to make an Artificial Foundation to the ſurface of the Sea at low water, the bottom being a ſoft Clay, the outſide Piles muſt form a Coffer Dam to keep in the filling, at £ 5. per ton - -	1,445	—	—
Drawing Piles, Workmanſhip, Machinery, &c. &c. -	500	—	—
3,832 Bruſhwood Faggots, to cover the bottoms, to prevent the Stone filling from ſinking, three faggots to the ſquare Yard, at 3*d*. per faggot - - - - - - -	48	10	6
2,590 Cubic Yards of Rubble Stone filling between the Piles, to form the Artificial Foundation at 2*s*. 6*d*. per -	323	15	—
1,000 Square Yards of Foundation on the Strand excavated above low water, at 6*d*. per - - - - - -	25	—	—
7,670 Perch of Stone Work contained in Body of Pier, the Center to be regularly built, and not filled with Rubble, as it would not anſwer in ſuch a tempeſtuous ſituation, at 10*s*. per - - - - - - - -	3,835	—	—
1,240 Perch of Stone Work contained in Parapet to fend off the Sea, at 14*s*. per - - - - - - -	868	—	—
Two Flights of Steps for Boats to land at - - -	20	—	—
£.	7,065	5	6
£. 10 per-Cent. for Attendance, Incidents and Accidents, by the Storms during the Work - - - -	706	10	6
£.	7,771	16	—

Treaſury Chambers,
Dublin, 7th March 1809.

I certify the above to be a true copy of the original.

31ſt Auguſt 1807.

G. CAVENDISH.

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— 3. —

Copy of a LETTER from Thomas Rogers, Contractor for Dundrum Pier; to the Right Honourable the Earl of Annesley, explanatory of the DRAWING accompanying it.

Dublin, the 28th February 1809.

My Lord,

Agreeable to your Lordship's directions, I herewith beg leave to lay before your Lordship, a Plan of the present state of the Pier building in Dundrum Bay, which will be more explanatory than a written description alone, as the work can be readily seen in its different stages; and the much-talked of Breach made by the late easterly storms, can be valued agreeable to its consequence; nor would that injury have occurred but for my anxiety to press the business forward, by which the termination of the work for the winter was retarded, and the badness of the weather prevented a permanent conclusion.

This Plan is the Western Face of the Pier, which is the side the Vessels are to lie at; from A to B is 160 feet compleated, with the parapet on it, the latter within 4 feet of its full height; from B to C is 140 feet, making 300 in length;—a considerable part of the foundation of this work D has been laid in a strong clay bottom, to such a depth below the level of low water, that by clearing away the clay from within the Pier at any future time, there may be from 16 to 18 feet depth at Spring Tides within it at 80 feet from the Shore; and the Rock described in the Drawing can be quarried, to give the same depth close to the Shore, or a Quay Wall might be built on those Rocks close to the Shore, at which Vessels might discharge or load.

The contents of the work now standing is about 5,000 cubic yards, which on the moderate price of 10*s.* per yard would amount to £. 2,500, exclusive of sinking the foundation. The Breach made at B did not contain more than about 400 cubic yards; the work below half tide has not been disturbed. From C to E is about 240 feet of foundation laid in the sea, in the average depth of 5 feet, and raised above the surface of low water; it is composed of rude Rocks and small Stone, and contains about 1,500 cubic yards at 5*s.* amounting to £. 375.

The value of the whole work as it now stands, on a moderate calculation, including the sinking of the foundation in the clay, would amount to £. 3,105, without taking into the account any allowance for damage,—this is £. 895. more than the sum it has actually cost, as stated in the Account, exclusive of materials for the further execution of the work.

This very moderate expence has been caused by your Lordship's goodness, in having given the Stone and certain liberty of your Lordship's estate without charge, which alone was the cause of the Estimate being so small, for a work of such magnitude, and in a situation so tempestuous and unprotected.

I have the honour to be,
My Lord,
Your Lordship's obedient and very
humble Servant,
Thomas Rogers, Engineer
and Contractor for Dundrum Pier.

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266.-276.

(Ireland.)

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90.

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